

The Chemist and Druggist

A WEEKLY TRADE JOURNAL

ESTABLISHED 1859.

INDEX TO VOLUME XLII.

JANUARY TO JUNE, 1893.

- ABERDEEN CHEMISTS' SOCIETY 36, 168, 673; (excursion) 814
— aërated-water analysis 69, 673, 781
— municipal employes, dispensing for 530
Acid, boracic, in scarlet fever 459
— camphoric, constitution of 273
— carbolic, bath fatality 35, 404
— in surgery (edit.) 182
— market (edit.) 135
— poisonings 2, 68, 98, 166, 169, 264, 364, 437, 469, 501, 528, 559, 610, 642, 673, 720, 780, 811, 843, 844
— recovering by a chemist 496
— Professor Charteris on 19
— citric, lead in (Warrington) 207, 334, (edit.) 341
— gallic, testing 618
— hydrofluoric, manufacture of 227
— pickle for dentists 401
— picric, Johnson's test 382
— salicylic 737
— salicylic, adulterated 176, 225
— tannic, testing 618
— tartaric, in citric acid 303
— lead in, (Warrington) 207, 334, (edit.) 341
— weak, relative avidities of 723
Aconite and celery 431
— alkaloids (Dunstan) 333
Aconitine and napelline (Ehrenberg and Purfurst) 182
— commercial 207
— research (Dunstan and Umney) 206
Adhesive resin 63
Advertising druggists in America 447
— American, "Building Business" 623
Aërated waters, analysis (Aberdeen) 69, 673, 781
— and railway rates (edit.) 181
— Manchester trade association 232
— with saccharin 194
"After the Shop is Shnt" 766
Agathin 244
Air, liquid (Professor Dewar) 138
— solid 363
Alcohol, ammoniated 359
— question, U.S.A. 290
Aldoximes, aliphatic (Dunstan) 410
Alkali-manufacture in Russia (Bowman) 508
— works Act prosecutions 98
Alkaloids, aconite 206, 333
— cod-liver oil 71, 366
— influence on plants 732
Allen, A. H., experiences of 197
Allen & Hanbury's preparations 145, (see Exhibition, Chemists')
— employes' concert 263
Almanacks, &c. (chemists') 46, 74, 161, 300
Aloes, note on (P.M.) 111
Aloupeia areata, treatment of 667
Alsace-Lorraine, medicine and pharmacy 456
Alum from New Mexico 169
— paralysis 703
Aluminium, to stain 840
Alumina, what it is 93, (Dey) 338, 399
America (see United States), free trade (edit.) 341
— pharm. dispensing notions, &c. 125
— pharmacy law in 118
Ammonia, cloudy 434
— sulphate market 350
— to fix in manure 839
Amsterdam market (see Cinchona)
Anæmia remedies 11
Anæsthetic, dental 433, 666
Analysts and the B.P. standard 211
— certificates, wording of 364; ignorance concerning 703
— charges of 35
— for Derby County 529
— Public, Society of 35, 234
— reports on drug-adulteration 232, 642, 721
Anderson & Co.'s excursion 721
Anticuta Syndicate Co. (lim.) 178
Antimony, gold and silver in 508
Antipyrin crystals 326
Antiseptic dressings (Williams) 735
Antiseptics in French army 235
— iodoform 243; cinnamon, 228
Antispasmodic 397
Apollinaris, spurious 266
Apothecaries in U.S. navy 613
— Hall, assistant's certif. exam. 725
Apples, preserved, zinc salts in 266
Appleyard, R., & Co. (lim.) 518
Aqua, doses of 311
Arbitration, books on 60
Armour Institute 71
— peptin factory 161
Armstrong on optical properties and structure 333; on starch manuf. 593
Arnica opodeldoc, formula 491
Aromatic waters (Ranwez) 315
Arsenic Act prosecutions 220
— as prophylactic 459
— in fabrics (Sweden) 266
— large doses of 459
— testing 649
Arsenium, iodide of (Dott) 72
Arthur & Co.'s specialities 458
Ashburnham & Somerville (see Exhibition, Chemists')
Askern mineral waters 553
Asthma-remedy 840
At the Counter 154, 394, 461, 686
Atkinson & Barker's preservative 143
Atmosphere, Professor Dewar on 528
Australia (see various colonies)
— medical profession in 722
— metals in 675
— news 37, 199, 368, 533, 815
Avon Manure Co. (lim.) 178
Azo-compounds of the Ortho Series 796
BACTERIOLOGY AT KING'S COLLEGE 513
Baden-Baden pharmacy, 696
Baeyer, Baron von (personal) 208
Baillon, B. (personal) 71
Baird's rapid solution-jar 143
Baiss Bros.' annual supper 34
Baking-powder 556
— adulterated 281
Baldness and scalp-disease, remedy 360
— remedy (?) 605
Balsam of sulphur 840
Balls, chemists' 19, 67, 98, 99, 163, 197
Banana-juice ink, 183
Bankrupt's statement, specimen 162
Bankruptcy reports (1892) 20; Automatic Aëration Co. (lim.) 622; Bevan, H. 305; Black, J. 801, 855; Bowie, G. D. 539, 623, 660, 685; Bowness, W. 726; Campbell, Colin 240; Cant, E. 177, 284, 307; Crocker, G. 76; Dee Oil Co. (lim.) 7, 173, 385; Dennis, J. L. 306, 348; Evans, E. T. 517; Evans, J. 855; failures in 1892, 20; Gaseigne, E. 517; Griffith, E. P. 151; Hardy, R. 7, 45, 177; Harrison, W. A. 517; Hellier, W. (Heath), 559; Herbert, M. C., 224; Jessop, R. M. 539; Johnstone, S. T. 457; Juler, R. R. 284; London Syphon Manufacturing Co. (lim.) 46; Macdonald, Sons & Co. (lim.) 46; Molart, A. V. 478; Naylor, Pike & Grimes 685; Pasmore, J. H. 414, 477, 517, 598; Ponsford, A. 178; Potter, H. 414, 457, 517, 599; Pure Beef Co. (see Wells, &c.); Purrett, J. 7, 76, 224; Reid, D. S. 457; Rickaby, A. G. 660, 855; Rogers, J. 684, 726; Rylands, Dan 801; Saunders & Saunders 622; Singinenex, A. 7; Smith, G. H. 178, 240, 306; Snowden, F. S. 45; Stennett, W. W. 177; Thomson, E. G. 76; Todd, Joe 539, 638, 661, 666; Twinberrow, J. K. 284, 386, 457, 517; Unwin, T. J. 833; Watts, J. H., & Co. 661, 726, 855; Wells & Croft 76; Westmoreland, W. H. 833; Williams, M., 855; Wilson, W. J. 240, 306, 685
Barium, separation of 417
Barnhart, Dr. (personal) 515
Barometer-tube, how to clean 63
Barton, &c., Drug and Aërated Water Co. (lim.) 518
Basham's mixture, formula 466
Bath-tablets 326
Baume du Commandeur 744
Beaconsfield, Earl, prescribing for 497
Beckett, Wm. (personal) 446
Beecham, T. (personal) 415
Beef-spice 776
Beer, foaming-liquid for 432
Belfast (see Ireland)
Belladonna preparations (B.P.), standard 273
Bennett, Sons & Shears' water-still 209
Benzol as a therapeutic 151
Berend & Co.'s syphon and burner 146
Bergamot, chemistry of (edit.) 48
Berlin (see Germany)
— black, formula 668
Berry's Drug Stores (lim.) 518
Berthelot on chemistry 750
Botts's Aërated Waters Co. (lim.) 178
Bezoar (see Monkey)
Bilitor Company's pipe 147
Birmingham, Midland Counties Chemists' Association 98, 273, 337, 508, 534, 560; annual meeting 724, 813
Bishop's Stortford Mineral Waters Co. (lim.) 596
Bismuth purification (Matthey) 489
— gold and silver in 508
— Queensland supply 56, 200
— salicylate, German, 322
Bitters (see Hop)
— hot Tom 743
Black & White (see Exhibition Chemists') 564
Bleach-producer, mechanical 115
Bleasdale & Co.'s annual dinner 233
Board of Trade returns 49, 221, 352, 662
Böhringer & Sons' new digitalin 74
Boiling-points and molecular weights 723
Bolton chemists' meeting 642
Bombay drug-bazaar (illustrated) 102
— professions in 531
Books:—botany 369; chemistry 95, 401; milk-analysis 64; veterinary surgery 164
Borax Co. (lim.) 563
— in California 23
— prices, U.S. 88
Bottle-trade strike 328, 393, 437, 470, 529, 558
Boulton & Co. (see Exhibition) 564
Dovril (lim.) (see Exhibition) 564
Bowling & Govier exhibit 564
Branch managers and shops, agreements 525, 554, 605, 638, 666
Brand & Co. exhibit 564
Braudy, analysis of 265
Brass-paste, red 401
Brazil, Austrian pharmacist in 115
Breath, fetor of, treatment 128
Breeze & Co.'s baking-powder competition 284
Brighton Association of Pharmacy, annual meeting 778
— Chemists' Association dinner 842
— Junior Association of Pharmacy 175, 338, 375, 441, 477
— Workhouse dispenser 470
British Association of Medical Electricians (lim.) 287
— Guiana, opium-dealing in 120
— Government laboratory 532
— Medical Association 642
British Medical Journal on poisonous proprietary medicines 137
Bromley's letter to Grocers' Association 239
Bronze, how to blue 402
— powder manufacture in Germany 675
Brooks', Tom, formulæ 149
Brown, Dr. Samuel (comment) 83
Brunnengraeber memorial 675
Brunner, J. P., will of 240
Brunner, Mond & Co.'s dividend 262
Brush, sponge and flesh 286
Budget proposals 5, 90
Burglaries at chemists' shops 265, 502, 503, 530
Burgoyne, Burdidge & Co.'s smoking-concave 166
Burns, application for 11
— treatment of 227, 294
Burnroughs Bros. exhibit it 565
Burnroughs, S. M., at Morocco 105
— gift to Dartford, 297
— in New York 371
— interview with 416
Burnroughs, Wellcome & Co. at Chemists' Exhibition 564
— award 706
— diaries 5
— Paris wholesale dépôt 674
— specialities 149

Barrourghs, Wellcome & Co.'s tabloids for Mr. Gladstone, 436
 — thermometer almanacks 74
 — thyroid tabloids 381
 — toilet lanoline 46
 Bush, W. J., & Co.'s annual dinner 166
 — exhibits 565
 Business changes 3, 13, 44, 75, 149, 184, 209, 278, 388, 425, 445, 516, 531, 538, 599, 706
 Butter-scotch formula 96

"C. & D.," vol. 42 (edit.) 18
 — Diary competition (results) 52, 83, 141; (foreign) 519
 — recipes 116, 491, 686
 — winter issue 132; supplements 140
 Calamine, artificial (W. Lyon) 73
 Caledonian Chemists (lim.) 3
 Calendar (see Almanack)
 Calomel for the liver 758
 Cambridge Pharmaceutical Association 239, 337, 534, 618, 648
 Campana s.s., picture 799
 Camphor, artificial 209
 — estimation of, in oil 434
 — Formosa (edit.) 826, 866
 — in New South Wales 37
 — trade (Formosa) 288, 608
 — water 466
 Canada, Poisons Act, additions 70
 Canary-food 640
 Cannibalism and common salt 675
 Cap, metal, for headaches 394
 Cape Colony Pharmacy Board meeting 369
 Capsules 286
 Caramel, McGrath on 8
 Carbolic Smoke-ball Company (lim.) 32; (1893) 833; prizes 136; exhibits 565
 — soap and dog-washing 870
 Carbonic acid, decomposition of 674
 Carboy, red solution 742
 Carnick & Co., exhibits 565
 Carruthers & Allen, dissolution 33
 Cartersell on animal charcoal 72
 Carter's liver pills pamphlet 149
 Cascara-sagrada cordial 10
 Cascarin 83
 Cash-till 147
 Cashew-nuts, sale of 731
 Cassia lignea cultivation 322
 Castor-oil plant and mosquitos 425 (see Oils)
 Catarrh-cure (Royal) formula 79
 Caterpillars (see Insects)
 Cattle (see Veterinary)
 Caustic potash (D. B. Dott) 72
 Cellulose, new form of 593; new derivatives 797
 Cement for china 259
 — — — indiarubber and leather 400
 Centaurian physician 55, 514
 Ceylon drug-exports 187
 Charcoal, animal 71
 — as decoloriser 72, 713
 Charles A. Vogeler Co.'s compound 398, 525, 555
 Charteris, Prof., Chicago lecture 437
 Chemical and Copper Workers' Union 611
 — Industry (see Society)
 — industries (Germany) dividends 367
 — Society meetings 206, 272, 333, 419, 863; Presidential address 439, 593, 649; Hofmann memorial meeting 650, 723, 796
 — — — office-bearers 272, 440
 — — — vapour unisance (Germany) 613
 — — — workers, risks of 420; Commission appointed 719
 CHEMIST AND DRUGGIST (see "C. & D.")
 Chemistry, Institute of, and letter-titles 278, 324; meeting 330; Censors' report 529, 543; meeting 616
 — — — and Mr. W. Johnstone 431, 496, 525
 — — — examination answers (India) 487
 Chemists Aërated Mineral Water Association exhibit 565; award 619
 — Assistants' Association 34, 73, 152, 174, 208, 236, 274, 302, 336; annual dinner 375, 410, 440, 476, 507, 534; sale of poisons 594, 618; annual report 648, 672
 — — — sudden death of 842
 — Association (lim.) catalogue 149, 328
 — and his horse 746
 — annual balls 19, 67, 98, 99, 168, 197
 — assault by 530
 — assaulted by soldiers 365
 — business, school-boy views of 110
 — charged with drunkenness 529, 610, 747
 — — — embezzlement 35, 404

Chemists charged with indecent behaviour 468
 — — — murder 328, 459, 468, 598
 — — — vagrancy 719
 — committed for debt 190, 330, 503, 559, 716
 — "cutting" at Chicago 266
 — divorce cases 166, 196
 — Exhibition (see Exhibitions)
 — failures in 1892, 20
 — fined for disturbance 32
 — German 126
 — manslaughter of 316, 330, 425, 436
 — murdered 645
 — mysterious death of 291
 — prescribing, censured 167, 196
 — servant ill-treated 297
 — sudden death 406
 — sued by his father 528
 — suicides 196, 843
 — veterinary, title 19, 49, 81, 136, (Vet. Record on) 170, 183, (edit.) 210, 215, 244
 — wife arrested for murder 262
 — window, smashing 34
 Chester-le-Street Aërated Water Company (lim.) 315
 China seeds 114
 Chicago (see Exhibitions)
 — "cutting" chemists 266, 471
 Chiblain liniment 686
 Chloral-cauphor glycerine 757
 Chloral hydrate and electricity 380
 Chloralose, new hypnotic 183
 Chloraloxime, what it is 397
 Chloroquine C. formula 11
 — red 164
 — refusing to sell 530
 — test-case (egal) 217, 245, 308 (see Medicine-tamp Act)
 Chloroform and iodine 253
 — decomposing (Brown) 371
 — prevention of deaths under 50, 94, 162
 — sale of, unlabelled 555
 — solid (edit.) 82, 162
 Chlorosis, treatment of 11
 Chloryl, what it is 397
 Chocolate confectionery, duties on, 332
 Cholera-mixture formula 151; remedy 859
 Chorea, arsenic for 757
 Christy & Co.'s specialties 157, 239; exhibit 565
 Chrysals Compounds Company (lim.) 266
 Cimolite, what it is 402
 Cinchona, advances on (Holland) 550
 — auctions (Amsterdam) 26, 59, 190, 224, 257, 355, 393, 523, 552, 603, 712, 741, 771
 — bark, dock-charges 56
 — — — exports, Ceylon 288
 — — — supplies 634, (edit.) 763
 — Bolivia trade 318
 — decoction and acid infusion of 441
 — plantations (Java) 89, 768
 — production, 1892 (India) 92, (Java) 493
 Cinchonidine in India 645
 Cinchonon as an antiseptic 228
 City School of Chemistry smoking-concert 405
 Clarke's Pyramid and F. L. Company's coupons 61
 Clifton Chemical Company (lim.) 286
 Clove-growing (Zanzibar) 26
 Coal, bituminous (Japan) 334
 Coal-gasification and liquid hydrocarbons 618
 Coal-tar colouring-matters, analysis 43
 Cobblers' wax, how to make, 30
 Coca-leaves from Peru (1891) 27
 Coca-trade (Bolivia) 318
 Cocaine and menthol for toothache 359
 — carbolate, anæsthetic 459
 — habit in U.S.A. 472
 — hydrochlor. crystals 326
 — making in Peru 710
 — milk of 840
 Cocineal, production of 27
 Cocoa (see Van Houten); adulterated 85; prepared (J. S. Liversidge) 619
 Codex (see France)
 Cod-liver (see Oils)
 Cohosh-root, black 259
 Colbert Drug Company (lim.) 765
 Collingwood, P., dinner to (portrait) 461
 Colombia, duty on pharmaceutical goods 407
 Columbus and medicine (edit.) 625
 Comedones, treatment of 307
 Comely, R. J., & Co. (lim.) 658

Companies, new 47, 75, 144, 178, 200, 240, 286, 315, 384, 423, 458, 489, 518, 596, 658, 684, 727, 765, 833
 Complexion-pill 400
 Conly & Mitchell, thefts from 2, 35
 Conference, chemists' (Manchester) 424, (Glasgow) 470, 535
 Congresses, botanical, proposed 170
 — International Medical 51
 — Pharmaceutical 613, 655, 702
 — the World's (Chicago) 4, 645
 Congreve's elixir prices 639
 Coothingham, A., Australian cricketer, 446, 651
 Courroy, J. T., on hydrazine and azo-imide 152
 Consuls' reports 88
 Consumption and goats 366
 Cook, E., & Co.'s exhibit 565
 Cooper, Wm., & Nephew's works (illus.) 818
 — — — portrait 818
 Copaba and magnesite 79
 — soluble 734
Corchorus fascicularis 94
 Cordials, cascara sagrada 10
 — "Coricide" corn-cure 101
 Corks, how to pierce 15
 — — — soiled, how to clean 555
 Corn-cure, "Coricide" 101
 — paint and Medicine-stamp Act 310
 Corner for Students 66, (edit.) 180, 230, 362, 500, 810
 — — — and Wales 225
 — — — half-yearly prize 858
 Cosmetic, cream, non-sticky 79
 Costs of baking-powder appeal case 844
 Cotton-wool, antiseptic 514
 Congh, balsamic elixir 607, 775
 — mixture 95, 839
 County Drug Company (lim.) 727
 Cox, A. H., & Co.'s price-list 46
 Crawshaw & Co.'s crystal dyes 566
 Cream, cold, 742
 — cosmetic, non-sticky 79
 — dental, antiseptic 101
 — of tartar, soluble in spirit 737
 — washing 164
 Creosol 243, 604
 Creosote salts 496
 Cresswell Bros. & Schmitz's toilet-glove 145; exhibit 566
 Cricket reports 718, 779, 842
 Cripps, on pharmaceutical extracts 383
 Crocker & Co.'s new partnership 278
 Crystals, angles of 206
 "Cutting" (see Chemists)
 Cyanide of potassium in mining 38
 Cyclists' lubricating-ointment 293
 — staying-draught 293

DAB'S LONDON DRUG STORES (LIM.) 518
 Damascens liquorice-trade 687
 Dandruff-cures 78
 Dartford cottage hospital 233, 297
 Deaths:—Adams 388; Alden 47; Allen 173; Ashmore 801; Atkinson, S. 478; Baker, G. 478; Ball, S. 478; Barlow 388; Bell, 722; Berry 348; Bethune, J. 613; Birss 173; Blundell 209; Borthwick 173; Botham 47; Bowman 13, 75; Bridges, G. A. 307; Brunnengraeber 307; Brunner 47; Buchanan, J. 706; Buck, R. C. 47; Buck, T. 549; Burchell 13; Buzzard, T. H. 661; Cartwright, J. H. 661; Chase, T. 153; Childs, J. L. 285; Clarke, J. G. 478; Clemishaw, J. 706; Coates, J. M. 504; Cole, W. T. 478; Cox 801; Curfew, J. 307; Cuthbertson 13; Davies, D. J. 755; Dear 801; De Candolle 531; Dick 549; Dobbin 47; Douglas 348; Douglass, R. 423; Downman 755; Edington, J. 706; Edwards, D. 706; Edwards, R. W. 388; Elsey 755; Entwistle, J. B. 153; Evans, E. B. 755; Fairbrother 47; Fitt 801; Foster, F. 348; Gaddes, 828; Gale, 478; Gething 13; Glen 828; Godfrey 706; Hall 349; Hardy 706; Harland, T. 504; Hay 706; Hickson 801; Hodgson 13; Hollis 285; Holloway 209; Holt, J. H. 504; Horsford 75; Hotherall, J. 613; Hughes, L. S. 153; Innes 209; Jones 349; Keeley 75; Kirkup 706; Lavers 173; Lyon 549; Macfarlane 75; Macnamara 549; Martin, J. F. 661; Martin, W. G. 13; Mason, C. 423; McKesson, Mrs. 423; Miller, R. 613; Minnett 549; Moon, M. J. 661; Moore 828;

Morris, J. 478; Moryoseph 209; Murray, J. 504; Neale, W. J. 423; Newton, G. 755; Palethorpe 47; Perry 285; Powell, F. W. 349; Prantl, 349; Provost, J. P. 478; Pyne, J. J. 504; Redford 368; Rhodes 13; Rich, S. W. 592; Richardson, J. 423; Rigney, A. A. 368; Robinson, T. 478; Ross 13; Rossier, J. M. 153; Rowe 388; Searle 865; Shipman 13; Smith G. H. 755; Smith, R. B. 209; Sowerby 755; Speakman 349; Spurr 755; Stanford 865; Starling 75; Stephens 828; Stewart, A. 478; Stone 285; Swan, T. 153; Swinney, W. P. 478; Thwaites 865; Tighe 47; Turner 285; Watts, E. P. 478; Welch, A. E. 661; Wells, J. 388; Wilkinson 75; Wilson 75; Wood, W. H. 307; Wrigley 349
 De Candolle (obit.) 531
 Decocta, doses of 311
 Dee Oil Company 7, 173
 Deeds of arrangement 55, 86, 170, 224, 244, 317, 380, 458, 592, 633, 710, 756, 782, 823, 869
 Denmark Assistants' Association 38
 — new Pharmacopoeia 589
 Dental anæsthetic 433
 — cream, antiseptic 101
 Dentifrice, astrigent, tincture 686
 — Hanson's "Perfection" 381
 — oriental 117
 — powder, formula 10
 — Robertshaw's "Beaurine" 382
 Dentists' anæsthesia, nitrous oxide 127
 — and advertising 277
 — filling-powder 193
 — nerve-killing paste 31
 — register (1893) 421
 Dermatol for diarrhoea 459
 Dewar, Prof., on atmosphere 528; liquid oxygen 138
 Diamonds, artificial (France) 198, 366, 562
 Diarrhoea, dermatol for 459
 — iron in 11
 Diary (see "C. & D.")
 Dibden, W. J. (portrait and sketch) 688
 Diet chart 686
 Digestion, MacLennan on 412
 Digitalin, new German 74
 — possible substitute 487
 Digitalis, tincture of 759
 Diseases, treatment and drugs for, treatise 128
 Disinfectants:—
 — encalyptus 145
 — for Boards of Guardians, &c. 196, 264, 297, 330, 365, 436, 558, 748
 Dispensary, Poor-law (Ireland) 694
 Dispensers, workhouse, salaries of 68
 Dispensing, bottles, inaccurate 607
 — charges in various countries 299
 — cheap, in Aberdeen 530, 560, 720, 844
 — — — French India 225
 — definition of 524, 604
 — inaccurate 437
 — labelling medicines (edit.) 484, 524, 604
 — practical, notes on (Complan) 733
 Dispensing notes:—
 — aloes and mastic 838
 — ammon. sapo. mol. and sp. vin. rect. 338
 — cocaeine and vaseline 95
 — creosote in pill 397
 — dosage, 431 464
 — emulsion, iron and oil 325
 — essential oils and water 838
 — excipient 607
 — ext. cinch. liq. 30, 62
 — ferri et quin. cit. in pill 773
 — gnaiccol in pill 357, 398, 399
 — hydrastine salts, coloured, 29, 61
 — incompatibles, 325
 — inf. quassia conc. 1 in 8 30
 — iodides and bromides with paraldehyde 839
 — ipecacuanha (see Squill)
 — jernbebin, &c. 4
 — lanoline with solids and lime-water 399; and lead lotion 838
 — liquorice in mist. 358
 — magnes. carb. in mixt. 30
 — — — sulph. and magnes. 205
 — myrrh and Dover's powder in pill 358
 — oils, volatile, in pills 303
 — — — olive and litharge 838
 — plumbi oleat. in prescription 399
 — pot. chlor. and oxymel in mixt. 464
 — — — iodid. hydrarg. perchlor. et strych. 773

Reviews (cont.) :—

- Brant's "Scurver and Garment-dyer" 698
 Buxton's "Anaesthetics, &c." 21
 Clayton's "Royal Road to the B.P." 155
 Colmeiro's "American Flora" 625
 Commercial Handbooks 160
 Constant's "How to give Gas" 22
 Cripps's "Galenic Pharmacy" 627, 668
 De Jong's "Natural Orders of Plants" 79
 Dentists' Register, 1893 421
 Dodd's "Guide to Preliminary Examination" 707, 725, 765, 828
 Eminson's "Epidemic Pneumonia" 699
 Fowler's "Building Business" 623
 Hartwick's "America and Pharmacognosy" 625
 Hill's "Vegetarianism" 309
 Hurst's "Painters' Colours, Oils, &c." 311
 Jones's "County Court Guide" 388
 Lampe's "Katalog der Drogen-Sammlung, &c." 22
 Letts's "Qualitative Analysis, &c." 449
 Livingstone's "Chemistry, &c." 22
 Maiden's "Australian Economic Botany" 186
 Medical Register, 1893 419
 Marsden's "Outcast Siberian Lepers" 155
 Moride's "Soap-maker's Annual" 156
 Newth's "Chemical Lecture Experiments" 155
 "Pharmacy and Poison Laws, &c." 12, 771
 Probyn and Evans's "Arbitration Practice," 60
 Salaman's "Manual for Arbitration" 60
 Shop Hours Act, 1892 186
 Sleman's "Volunteer Medical Service Manual" 21
 Standage's "Polish and Varnish Maker" 21
 Stark's "Practical Pharmacy for Medical Students" 623
 Stephenson's "Medicinal Remedies" 388
 Stewart's "Law of Wills" 449
 Thorpe's "Dictionary of Chemistry" 729
 Trade, maritime, of United Kingdom 186
 Trimmer's "Flora of Ceylon" 22
 Turner's "Organic Chemistry," 623
 Vivisection, "Nine Circles" 543
 Zine's "Traité d'Analyse des Bœures" 311
 — "Urnies, Chylouses, &c." 698
 Reynolds & Branson (boric lint) 619
 Reynolds's, F., peptonic toothpick 209
 Rheumatism, lotion for 757
 — powder 193
 — remedies 11
 Rhuibarh (see Tinctures)
 Rhymes 260, 268, 398, 416, 431, 446, 732, 859
 Richardson, Lient-Col., volunteer decoration for 350
 "Ringing the changes," 366
 Roberts's sale (Newcastle) 497
 Rooke, Dr. Charles (lim.) 231
 Roshach Water Syndicate (lim.) 684; relies 747
 Rose districts (Bulgaria) 93
 — wash for, formula 555
 Roth Brothers' exhibit 571
 Rowntree & Co.'s employes' entertainment 328
 Royal Agricult. Show, Chester 860
 Royal College of Physicians, new rule 183
 — Surgeons and dental advertising 528; Fellowship initiative 534
 — Veterinary Surgeons' new charter 20; and Veterinary Pharmacopœia 528 (see Legal)
 Royal Society, election of Fellows 651
 Rhodill Chemical Company (lim.) 684
 Rudolph Laboratory Co. (lim.) 658
 Run shruh, formula 526
 Ruppert's, Anna, lotion exposed 627
 Russian alkali-mannfacture (Bowman) 508
 — pharmacists, residential qualification 367
 — — scarcity 367
 — pharmacy, nationalities in 485, 525
 — spirit formula 164
 Rylands, Dan (lim.)
- SACCHARIN AS FLY-KILLER 186; FOR WINES 92; IN AERATED-WATERS 194
 St. Moritz Dorf pharmacy 579
 Sala, G. A., on prescriptions 542; chemists' shops 591
 Sale of Food and Drugs Act Amendment Bill (text) 371, 502
 — — — and the magistrates 35
 — — — Canterbury Town Council 35
 — — — labelling under (edit.) 825
 — — — prosecutions (see Legal)
 Salicin, to convert into salicylic acid 63
 Salle & Cie., change in business 284
 Salol glycerine, formula 10; elimination 757
 Salophen (Dey) 338
 Salt and cannibalism 675
 Salve for white hands 293
 Sandarach, 1891 crop 27
 San Francisco pharmacy class 764
 Sanitary Wool-wool Company's specialities 146; exhibit 571
 Sanitas, cheap, offered for sale 665, 714
 — Company (lim.) dividend 262; exhibit 571; meeting 296
 — ointment 775
 Sauces, formulae 116, 491
 Sausage-seasoning 744
 Scammonin; what it is 51
 Scammony, adulterated 176
 Scarboro' Guardians' drug-supply 68
 Scheele, discoverer of oxygen 592
 Sehering's dividend 367
 School-boy views of chemist's business 110
 Schorlemer memorial 365
 Scheweppe & Co. (lim.) 47
 Scientific Notes 417, 737
 Scottish Drug Depot and cash-checking 169, 225, 258
 Seahury & Johnson's new warehouse 845
 Sealing-wax for packets 401
 Seaweeds, E. M. Holmes on 236
 Sedox Manufacturing Company (lim.) 47
 Seeds, mucilaginous (J. R. Jackson) 114
 Seltzer-water manufacture 476 (see Powder)
 Seltzogenes, charges for 30
 Senega and ammonia 393
 Senna, Sudan trade 88
 Sequah (lim.), extraordinary meeting 86, 197
 — — — fined abroad 100
 Serbia, assistants robbed 532
 — drug-trade in 27
 Sesamin, note on 238
 Shamrock; what is it? 168, 225
 Sharland & Co.'s dividend 533
 Sharp Bros.' exhibit 572
 Sheep-dip (see Veterinary)
 Sheffield Pharmaceutical Society 74
 Shellac anctions, fracas at 352
 Shirley Bros.' exhibit 571
 Shoe-polish, waterproof 716
 Shop-hours (question in Parliament) 409, (edit.) 418, 496, 502, 643, 644, 747, 779
 — (see Legal)
 Shruh, orange and lemon 526
 — rum, formula 526
 Siegel's pills (see Legal)
 Silverlock, H., exhibit 571
 Skin lotion 401, (sulphur) 607
 — white, salve for 293
 Small-pox, prevalence of 231
 Smith & Co.'s snapper 69
 Smith, Mark (lim.) 833
 Smith, Stephen, & Co.'s speciality 173
 Snake bite, strychnine remedy 37
 — poison, laboratory 70
 Soaps, examination of 104
 — ingredient, new 70
 — liquid 95
 — — perfume for 667
 — making in Mexico 300; Tunis 687
 — medicinal, in powder 459
 — trade-mark case 591
 — transparent white rose 691
 — washing, formula 161
 Society of Chemical Industry meeting 43, 73, 74, 207, 334; and the patent law 404, 475, 507, 618, 797
 Soda-water manufacture 476
 — without soda 347, 812
 Solution-jar, rapid, Baird's 148
 Somerset House chemists 408
 Soudan, exports from 88
 Soup, tar solution in 501
 South Australia :—
 — Adelaide hospital ether-supply 533
 — essential-oil plants 299
 Soy; what it is 716
- Spanish colonies, consul's report 27
 — Cortes, physicians and pharmacists in 438
 Spatula, new 687
 Specific gravities (F. W. Fletcher) 794
 Spice, beef 776; mixed, formula 491, 872
 Spies, Inland Revenue 357
 Spirits, ath. nitros., preserving 237, 759
 — medicinal, export of 134
 — methylated, for export, drawback 504
 — reduction of 192
 — Russian, formula 164
 — trade U.S.A. 290
 — vitriol 399
 Sponge-fishing in Asia Minor 687; Tunis 687
 Sponges, Tripoli trade 88
 — Vermont & Co.'s 148
 Spratts' Patent (lim.) 13; dog-soap 209
 Spray-producers, hints about 23, 61
 Spruce gum 64; beer powder 872
 Squire, P. W., on section-staining 205; quinine syrups 422
 Stahus, mahogany 326, 668
 — oak 668
 — paraffin, to remove 433
 Stainish & Co. (lim.) 423
 Stamp, receipt, recording 519
 Standardisation (U.S.A.) 51 (see Belladonna)
 Starch, how made (Armstrong) 593
 Stearn's "Syrup of Figs" 613
 Stern's pepsalia 148; exhibit 571
 Still, "Auto" 381
 Stomach, acidity of 459; washing-apparatus 693, 774
 Store prices 778
 Stothert & Co. (lim.) 75
 Stoves, hot-blast (Cowper) 507
 Strachan, A. L., presentation to 234
 Strontium, separation of 417
 Strophanthus, Prof. Fraser on 451
 — West Africa trade 157
 Strychnine and terriers 212
 — incompatible mixture 373
 Strychnos nux-vomica wood 397
 Stuit, W. H. (lim.) 351
 Sugar, blue-coloured 263
 — cane and beetroot 666
 Sulphur, balsam of 840, 872
 Sunflower Machine-oil Company (lim.) 200
 Surgical dressings (Lister's) 182, 323
 — instruments, theft of 747, 811
 Sweden, mineral-water spring 88
 Swine fever (see Veterinary)
 Synonyms (edit.) 541
 Synthetic remedies (Gane) 440
 Syphon and burner 146
 Syphons, theft of 213, 469, 558, 671, 724
 Syrups :—
 — Easton's, cause of crystallisation 373; Squire on 795
 — ferric iod. 191
 — fig, dispute 613
 — fox-lung, 64, 96, 163, 191
 — liquorice 101
 — quinine, crystallisation in (Squire) 422
 — soothing, without opium 360
- TAPEWORM REMEDIES 258
 Tar solution in soup 501
 — tabloids of 71
 Taraxacum-juice 690
 Tasmanian Eucalyptus-oil Company's exhibit 571; goods 146, 382; works 646
 — Customs tariff 200
 — pharmacy at Hobart 696
 Tatham & Son (lim.) 240
 Teeth, care of, 128
 Teething requisites 382, 464
 Tellurium, detection in bismuth 96
 Test-tube, new 286
 Teucer, what it is 342
 Thallium, atomic weight of 630
 Thefts from chemists, &c. 34, 67, 68, 92, 213, 231, 234, 262, 263, 363, 425, 437, 445, 468, 469, 502, 643, 719, 747, 748, 811, 843, 859
 Thermometers 148
 Thompson & Norris Manufacturing Company, exhibit 571
 Throat-affections, treatment 128
 Thymol for worms 151
 Thyroid extract 243, 455
 Tibet, botany of 645
- Tinctures :—
 — bouded, export of 634
 — cactina 566
 — digitalis 759
 — Farr and Wright's (edit.) 482
 — lobelia (Farr and Wright) 454
 — medicinal, export of 134
 — myrrh and horax 117
 — nux vomica 398
 — opium (Farr and Wright) 77, 312
 — aquosa 326
 — peppermint, German 193
 — rhubarb, saffron in 35; adulterated 305
 — strophanthus 10
 Tobacco-smoke, contents of 397
 Toilet-glove 145
 Tooth (see Dentifrice)
 — carbolic powder 774
 — paste, (cherry) 117, 686, (coca) 690, (cnealytics) 690
 — pick, peptonic (Reynolds) 209
 Toothache pencil formula 31; remedy, formula 359
 Tow, tarred, &c. 465
 Towle & Son's chlorodyne 431
 Townsend, J., exhibit 571
 Townson & Mercer, exhibit 571
 Trade, foreign (1892) 49
 — India, foreign trade of 376
 — marks applied for 7, 38, 154, 285, 349, 422, 464, 537, 657, 710, 750, 823
 — — in Bulgaria and Greece 356
 — — soap case 691
 — reports 23, 56, 89, 158, 187, 221, 254, 288, 318, 352, 389, 428, 462, 493, 520, 550, 600, 634, 662, 710, 738, 768, 802, 835, 866
 — (see U.S.A.)
 — United Kingdom, maritime 186
 Trade Notes (see also Novelties) :—
 — Armour & Co. (showcard) 706
 — Barnett & Foster (syphon jet) 765
 — Bennett, Sons & Shears ("Auto" water-still) 209
 — Bentley & Son (medicine-chests) 564
 — Berkefeld Filter Company 564
 — Bilton Pipe Company 564
 — Blackfriars Photographic Company 658
 — Blondan & Co. 446
 — Boehm, F. (agency) 834
 — Boehringer, C. H., Sohn (agency) 658
 — Boehringer & Söhne (digitalin) 74
 — Breeze & Co. (baking-powder) 284
 — Bromley, C., and Grocers' Association 239
 — Brunnerstaedt & Lüders' new business 173
 — Burroughs Bros. (sugar of milk) 300
 — Burroughs, Wellcome & Co., exhibition awards 350; lanolin soap 865; lanoline 46; pocket-diary 5; thermometer-calendar 74
 — Bush, W. J., & Co. (New York house) 727
 — Calbury's ginger chocolate 149
 — Caesar & Loretz (catalogue) 706
 — Christy & Co. (adepts laude) 239, (analgen) 808
 — Comolly, T. R. (photo-treatise) 300
 — Cooper, Wm., & Nephew (treatise) 706; description of works, &c. 818
 — Cox & Co.'s pills 46
 — Cresswell Bros. & Schmitz (price-list) 563
 — Darton & Co. (exhibit) 706
 — Dee Oil Company (lim.) (explanation) 173
 — Dore, J. L. (agencies) 385
 — Drysdale, J. W., & Co. (disinfecting-fluid) 572
 — Edwards, W., & Son (catalogue) 300
 — Eno (showcard) 514
 — Eureka Manufacturing Company (sanitary tablet) 834
 — Evans, Sons & Co. ("Montserrat") 5, 619
 — Ewen, J., & Sons (lard) 808
 — Fallowfields ("Photographic Remembrancer") 415
 — Fordham (Cosney's "Premier" blacking) 446
 — Frame-fool Company (lim.) (food extract) 658, 808
 — Frazer & Green 834
 — French Hygienic Society 564
 — Fuerst Bros. (salicylic acid) 173, (agency) 284, 619, (Glycin-Hauff) 834
 — Gardner (powder sifter and mixer) 446
 — Gilbertson & Sons (bottles) 619

Trade Notes (cont.) :—

Greeff & Co. ("Tolysol") 385
 Grindley & Co.'s new premises 239
 Grossmith, Son & Co. (Betrotha Bouquet) 834
 Hatrick & Co. (Dun's capsules) 46
 (dyes price-list) 284
 Hayward Tyler & Co. (apparatus) 74
 Hearn & Co. (prismatic lamp) 834
 Helbing (*Pharmacological Record*) 46, 350
 Hockin, Wilson & Co. (ess. lemon) 706
 Hollis 241
 Hovenden & Sons (catalogue) 537
 Ingham Clark & Co. (contract) 834
 Jeyes' Sanitary Compounds Company (exhibition award) 563, 727
 Kent & Sons (tooth-brush) 446, (catalogue) 537
 Laughland, Mackay & Baker (eucalyptus oil) 300
 Lawlor 241
 Layne Manufacturing Company (specialties) 705
 Liebig's Extract of Meat Company (dividend) 46, 658, 834, (picture-card) 514
 Liquor Carnis Company 145, (show-cards) 284, (malto-carnis) 446
 Loeffund & Co. (liquidation, &c.) 209
 McInnes 241
 Marshall, J. D. (phosphanes) 46
 Maw, Son & Thompson (American samples) 705
 Melvin 241
 Moenich & Co. (eau de Cologne) 446, 478, 537, 563
 Moss, J., & Co. (extract of malt) 619
 Mühlens 5
 Newbery & Sons (ingluvin) 537
 Newton, Chambers & Co. ("Izal") 808, 828
 Owbridge (lung-tonic) 300
 Pain, A. (new premises) 209
 Parke, Davis & Co. (price-list) 209
 Perken, Son & Rayment (prizes) 727
 Potter & Clarke's *Bulletin* 5, (flower-seeds) 209
 Ralmes, Clark & Co. (catalogue) 209
 Reynolds & Branson (horic lint) 619
 — F. (peptonic toothpick) 209
 Richards, J. Morgan (new agency) 300
 Richardson & Co. (lin.) (navy contract) 350
 Sandoli & Co. (new perfume) 563
 Sanitas Company (disinfectants at Chicago) 765
 Scawin 241
 Schwarz, A., & Co. (developers) 658
 Shirley Bros. (price-list) 478
 Smith, Stephen, & Co. (orange-quinine wine) 173
 — W. E., & Co. (new premises) 407
 Spratts' Patent (lin.) (dog-soap) 209, (America) meeting 350, (dividend) 415
 Sprules (lavender preparations) 706
 Stern, G. G. (pepsalia) 563
 Terry's microscope slides 415
 Tomlinson & Haywood (sheep-dip) 765

Trade Notes (cont.) :—

Tyler, T., & Co. (price-list) 173, (exhibits) 385
 Vint, T. D. (menthol cones) 284
 Vogt & Co. 149, (showcard) 619
 Waud (price-list) 706
 Watson & Wates (list) 727
 Wilkie & Soames (lin.) 808
 Williams, Dr., Medicine Company (pink pills) 446, 709
 Wood, Vincent (bath-glove) 706
 Woods & Co. (eucalyptus oil) 658
 Zimmer & Co. (chemicals, &c.) 74, (limited company) 658
 Zox Manufacturing Company (photographs) 415
 Transvaal, chemical factory in 532
 — pharmacy in (illustrated) 821
 Travellers' experiences 699
 Travelling medicine-man 122
 Trinidad plantations, dispensing on 414
 Tunis drug-imports 687
 Turkey, patent medicines in 408
 Turmeric, micro-medicines 737
 Turpentine-distilling, U.S. 88
 Tyer Rubber Co.'s specialties 148
 Typhoid, methylene for 78
 Tyler, T., & Co.'s price-list 173; exhibit 572

UNG. BENZOIN, U.S.P. 293

— crinale 775
 — stramonii, U.S.P. 556
 United Alkali Co., dividend 365
 — States (see New York)
 — alcohol question in 290
 — free trade 341
 — lady druggists 396
 — navy apothecaries 613
 — patent-medicine Bills 674
 — pateuts 380
 — Pharmaceutical Association and Chicago Exhibition 496
 — Pharmacopoeia, new 438
 — pharmacy law in 118, 472
 — proprietary medicines in 563
 — smuggling by a druggist 532
 — trade-marks, 20, 38, 70, 169, 300, 367, 427, 532, 563, 613, 645, 675
 Urine, preserving 649
 — sanguineous, examination of 192

VACCINATION-PAD, 381

Vaccine-lymph, glycerinated 859
 Van Houten's cocoa (prosecution for adulteration) 562, 612, 655, 715
 Vanillin, new patent for 235
 Varnish, photo-negative 260
 — red, common 260
 Vaseline for ear-affections 46
 — in prescriptions (Rogers) 411, 475
 Vegetarianism, Essays on (Hill) 309
 Vermont & Co.'s sponges, &c., 148
 Veterinary cattle-oils 872
 — "chemist" title 19, 49, 80, 136; (*Veterinary Record*) 170, 183, (edit.) 210, 215, 244, 761, 793, 827, 857
 — pigeons' medicines 872
 — poultry-powder 871
Veterinary Record and "Counter Practice" 421
 Veterinary Surgeons Act prosecutions (see Legal)
 — remedies, &c. (see Royal College)

Veterinary remedies, black leg, or

quarter evil 742
 — calf-drink for diarrhoea 193
 — cattle, leaves as food for 644;
 spice 716
 — colic in horses, balsam 432
 — cordial for calves 185
 — ewes and lambs 185
 — cough-mixture for horse 186
 — fluke in sheep, remedy 815
 — foot-rot liquid 96
 — garget, remedy 185
 — horse-balls coating, 359
 — lambing-oil 185
 — poultry, lice and gape cure 10
 — powder 667
 — roup in pigeons 840
 — rabbits' food 96
 — red lotion for horses' shoulders 400
 — scours 185
 — sheep-dip 31, 185, 839; powder 260; works (Cooper) 818
 — swine-fever, alleged prophylactic 469
 — terriers and strychnine 212
 — whites in cattle, 399
 Victoria, annual meeting 646; Council election, 533; essential-oil licences 815; pharmacy in 369; registration of firms 533
 Viking Food and Essence Co., exhibit 572
 Vini Diuretica, 640
 Vinegar (see Sale of Food and Drugs), (Allen & Moore) 829, (edit.) 824
 — W. Johnston on 870
 Vint's menthol cones, 147, 284
 Violet-powder 117
 Viper, poisoning 812
 Vitriol, spirits of, formulae 399
 Vivisection, the "Nine Circles" 543
 Vogt & Co.'s specialties 149
 Walker, Troke & Co., exhibit 572
 Wandsworth Chemical-works (lin.) 144
 Warl, John, appointment 706
 Warrington on lead in citric and tartaric acids 334, (edit.) 341
 Warner, H. H., affairs of 643, 756
 — W. R. & Co., new branch 100, 592
 Warriek Bros., exhibit 572
 Washing-cream 164
 Washington Chemical Company (lin.) 628
 Water analysis (William Doherty) 28
 — distilled (C. E. Sage) 174, (E. J. Parry) 184
 — impure, in London 364, 468; how to test, 466
 — mineral 19, 475
 — softening liquid 326; powder 95
 — tap for dispensary 608
 Waters, aromatic (Rauwey) 315; (see Aërated and Mineral)
 — concentrated 775
 Watson & Wates, exhibit 572
 Wax (bees') paraffin detection in 85;
 — to colour for leaves 776
 — use for candles (Russia) 563
 — cobblers', how to make 30
 Weed-killer, conc. (formula) 526, 640
 667, 775; non-poisonous 775
 Western Australia, chemists and doctors in 368

Western Australia, pharmacy legisla-

tion 368, 431
Westminster Review and soda-water 278
 West Riding Drug Company (lin.) 684
 Wheatley & Bates (lin.) 727
 White-lead, treatment of 649
 White oils, formula 491
 Whooping-cough mixture 11
 Widnes borough coat of arms 673
 Wielobycski, S., centenarian, reception 55
 Williams, T. Howell, deed poll 208
 Wills of deceased chemists: Asquith W. C. 578; Atmore, G. 692; Barker W. R. 14; Barnaby, F. 123; Bevan I. 734; Bishop, R. 578; Booth, G. S. 14; Buck, T. 351; Burbridge, F. 322; Carr, W. 14; Chapman, J. 578; Childs, J. L. 615; Condring, J. J. 351; Cyriax, J. T. F. 322; Downing J. G. 734; Draper, H. N. 330; Durden H. 14; Edgar, F. G. 123; Entwistle J. B. 734; Evans, D. C. 14; Evans J. 123; Farnworth, W. 14; Foster Frederick 536; Gale, S. 615; Hadfield, J. 692; Hill, A. 734; Hughes R. 14; Ive, W. 123; Jaap, J. 70; Juler, R. R. 14; Kenrick, F. W. 351; Lavers, T. H. 734; Loggin, C. F. 578; Lyon, R. 14; Matthews, C. 123; Metcalfe, J. S. 578; Moody, S. W. 351; Parr, S. 351; Perry, H. W. 615; Preston, R. 14; Proctor, W. 123; Reid, J. 615; Scawin, T. 578; Skirrow, W. E. 14; Smith, W. 14; Stevens, F. 14; Swift, F. 14; Thornton, H. B. 692; Tupholme, J. T. 123; Wain, J. W. 14; Ward, J. S. 351; Wilson, E. 14
 Wine, diuretic formula 640
 — ginger, essence, &c., and the Excise 51, 81, 292, 357; in Parliament 408, 475, 503, 513, 525, 548 (edit.) (non-excisable) 588, 605; formula 826, 838
 — licences granted 610
 — to remove tannin, &c., from 808
 Winter session (edit.) 653
 Wool's, V., specialties 147; exhibit 572
 Wool, cotton, antiseptic 514
 Woolley, Sons & Co.'s picnic and presentation 812
 Wools, medicated, commercial 236
 Worms, cakes, formula 491
 — thymol for, 151
 Wright (see Tinectures)

XANTHALINE, NEW OPTIC ALKALOID 372

YEW-FRUIT: IS IT POISONOUS? 579

Yang-yang, Australian 200
 Youldon, E., exhibit 572
 Young, J. R., candidature 627

ZANZIBAR, EXPORT SPICE DUTIES 550

Zeno & Co. (lin.) 315
 Zimmer & Co.'s catalogue 74
 Zinc cream, formula 839
 Zinc salts in preserved apples 266

